

## AMENDMENTS

### In the claims:

1. **(Currently Amended)** A method for ameliorating headache pain caused by a tension headache, migraine headache, indomethacin responsive headache syndrome or cluster headache, said method consisting of:

topically applying an anti-inflammatory effective amount of a topical NSAID formulation comprising an NSAID as the only active agent present in said topical formulation to a keratinized skin surface of the head of said host to ameliorate said headache pain caused by a tension headache, migraine headache, indomethacin responsive headache syndrome or cluster headache, ~~wherein said topically applied NSAID only acts locally.~~

2. (Original) The method according to Claim 1, wherein said topical NSAID formulation comprises a nonsalicylate NSAID.

3. (Original) The method according to Claim 1, wherein said topical formulation is a cream.

4. (Original) The method according to Claim 1, wherein said topical formulation is a patch.

5. (Original) The method according to Claim 1, wherein said host is a mammal.

6. **(Currently Amended)** A method of treating a mammal suffering from headache pain caused by a tension headache, migraine headache, indomethacin responsive headache syndrome or cluster headache, said method consisting of:

topically applying an anti-inflammatory effective amount of a nonsalicylate NSAID formulation comprising an NSAID as the only active agent present in said topical formulation to a keratinized skin surface of at least one of the forehead and temples of said

mammal for a period of time sufficient for amelioration of said headache pain caused by a tension headache, migraine headache, indomethacin responsive headache syndrome or cluster headache to occur, ~~wherein said topically applied NSAID only acts locally.~~

7. (Original) The method according to Claim 6, wherein said mammal is a human.

8. (Original) The method according to Claim 6, wherein said formulation is a cream.

9. (Original) The method according to Claim 6, wherein said formulation is a patch.

10. (Original) The method according to Claim 6, wherein said keratinized skin surface is selected from the group consisting of the forehead, temple and/or occipital region.

11. **(Currently Amended)** A method for treating a human suffering from headache pain caused by a tension headache, migraine headache, indomethacin responsive headache syndrome or cluster headache, said method consisting of:

topically applying an anti-inflammatory effective amount of a nonsalicylate NSAID formulation comprising an NSAID as the only active agent present in said topical formulation to at least one of the forehead, temples and/or occipital region of said human to at least reduce said pain caused by a tension headache, migraine headache, indomethacin responsive headache syndrome or cluster headache, **only acts locally.**

12. (Original) The method according to Claim 11, wherein said NSAID formulation is a cream.

13. (Original) The method according to Claim 11, wherein said NSAID

formulation is a patch.

14. (Original) The method according to Claim 11, wherein said NSAID is an acetic acid.

15. (Original) The method according to Claim 14, wherein said NSAID is diclofenac.

16. (Original) The method according to Claim 11, wherein said NSAID is indomethacin

17. (Original) The method according to Claim 11, wherein said NSAID is ibuprofen.

18. (Original) The method according to Claim 11, wherein said NSAID is ketoprofen.

Claims 19 - 23 (Cancelled)

24. (Previously Presented) The method according to Claim 1, wherein said topical NSAID formulation consists essentially of an NSAID as the only active agent present in said topical formulation.

25. (Previously Presented) The method according to Claim 1, further comprising determining said host has said headache pain prior to topically applying said nonsalicylate NSAID formulation.

26. (Previously Presented) The method according to Claim 1, wherein said topical NSAID formulation consists of an NSAID as the only active agent present in said topical formulation.

27. (Previously Presented) The method of Claim 1, wherein said headache pain is the result of an Indomethacin Responsive Headache Syndrome and said topical NSAID formulation is indomethacin.

28. (Previously Presented) The method of Claim 1, wherein said headache pain is caused by migraine headache.

Please enter the following new claim:

29. **(New)** The method of Claim 1, wherein the amount of active NSAID in said topical formulation ranges from about 0.1 to about 5.0% w/w.

30. **(New)** The method of Claim 29, wherein the amount of active NSAID in said topical formulation ranges from about 0.5 to about 3.0% w/w.

31. **(New)** The method according to Claim 1, wherein said method results in no toxic side effects which are observed in system NSAID delivery mechanisms.

32. **(New)** The method according to Claim 10, wherein said keratinized skin surface is the forehead.

33. **(New)** The method according to Claim 10, wherein said keratinized skin surface is the temple.